

FILE 'REGISTRY' ENTERED AT 14:21:01 ON 13 JUL 2004

E LNTH/PG

L1 102372 SEA ABB=ON PLU=ON LNTH/PG AND OXIDE

FILE 'HCAPLUS' ENTERED AT 14:23:20 ON 13 JUL 2004

L2 3100 SEA ABB=ON PLU=ON (L1 OR LANTHANIDE OXIDE OR LANTHANUM OXIDE
OR LANTHANIDES(L)OXIDE OR OXIDES(L)LANTHANIDE) AND (PECVD OR
CVD OR LPCVD OR (CHEM OR VAP OR VAPOUR OR VAPOR) (2A) (DEPN OR
DEPOSIT####))

L3 477 SEA ABB=ON PLU=ON L2 AND (NOVEL##### OR ENHANC##### OR
IMPROV#####)

L4 52 SEA ABB=ON PLU=ON L2 AND ADVANTAG#####

L5 9 SEA ABB=ON PLU=ON L3 AND L4

L6 70 SEA ABB=ON PLU=ON L2 AND (NOVEL##### OR ENHANC##### OR
IMPROV#####) (4A) (METHOD OR PROCESS#####)

L7 10 SEA ABB=ON PLU=ON L2 AND ADVANTAG##### (4A) (METHOD OR
PROCESS#####)

L8 0 SEA ABB=ON PLU=ON L2 AND (NOVEL##### OR ENHANC##### OR
IMPROV#####) (4A) ADVANTAG#####

L9 9 SEA ABB=ON PLU=ON L2 AND (NOVEL##### OR ENHANC##### OR
IMPROV#####) AND ADVANTAG#####

L10 1 SEA ABB=ON PLU=ON L4 AND L6

L11 17 SEA ABB=ON PLU=ON L5 OR (L7 OR L8 OR L9 OR L10)

FILE 'HCAPLUS' ENTERED AT 14:27:50 ON 13 JUL 2004

L12 1107 SEA ABB=ON PLU=ON (L1 OR LANTHANIDE OXIDE OR LANTHANUM OXIDE
OR LANTHANIDES(L)OXIDE OR OXIDES(L)LANTHANIDE) AND (EBEAM OR
E(W)BEAM OR BEAM(2A)ELECTRON##)
E ELECTRON BEAM/CT
E E3+ALL/CT
E ELECTRON BEAMS/CT
E E3+ALL/CT

FILE 'HCAPLUS' ENTERED AT 14:29:28 ON 13 JUL 2004

L13 484 SEA ABB=ON PLU=ON (L1 OR LANTHANIDE OXIDE OR LANTHANUM OXIDE
OR LANTHANIDES(L)OXIDE OR OXIDES(L)LANTHANIDE) AND CATHODE(2A)R
AY

L14 4 SEA ABB=ON PLU=ON L13 AND EVAP#####

L15 22 SEA ABB=ON PLU=ON L13 AND DEPOSIT#####

L16 62 SEA ABB=ON PLU=ON L13 AND COAT#####

L17 4 SEA ABB=ON PLU=ON L13 AND ADVANTAG#####

L18 71 SEA ABB=ON PLU=ON L13 AND (NOVEL OR IMPROV##### OR ENHANC###
#####)

L19 7 SEA ABB=ON PLU=ON L13 AND (DIELEC##### OR INSULAT#####)/
TI,ST,IT

FILE 'REGISTRY' ENTERED AT 14:31:35 ON 13 JUL 2004

L20 546 SEA ABB=ON PLU=ON HF.O/MF OR HF O/ELF OR HAFNIUM OXIDE

FILE 'HCAPLUS' ENTERED AT 14:31:49 ON 13 JUL 2004

L21 740 SEA ABB=ON PLU=ON L20 AND (PECVD OR CVD OR LPCVD OR (CHEM OR
VAP OR VAPOUR OR VAPOR) (2A) (DEPN OR DEPOSIT####))

L22 390 SEA ABB=ON PLU=ON L21 AND (DIELEC##### OR INSULAT#####)/
TI,ST,IT

L23 153 SEA ABB=ON PLU=ON L21 AND (NOVEL OR IMPROV##### OR ENHANC###
#####)

L24 17 SEA ABB=ON PLU=ON L21 AND ADVANTAG#####

L25 5 SEA ABB=ON PLU=ON L22 AND L23 AND L24

L26 86 SEA ABB=ON PLU=ON L22 AND L23

L27 15 SEA ABB=ON PLU=ON L22 AND L24

L28 6 SEA ABB=ON PLU=ON L23 AND L24

L29 0 SEA ABB=ON PLU=ON (L14 OR L15 OR L16 OR L17 OR L18 OR L19)
AND (L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28)

L30 11 SEA ABB=ON PLU=ON (L12 OR L13) AND (L21 OR L22 OR L23 OR L24

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L31      0 SEA ABB=ON  PLU=ON  (L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10
L32      1 SEA ABB=ON  PLU=ON  (L14 OR L15 OR L16 OR L17 OR L18 OR L19)
        AND L30
L33      11 SEA ABB=ON  PLU=ON  (L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR
L34      148 SEA ABB=ON  PLU=ON  L5 OR (L9 OR L10) OR L14 OR L17 OR L19 OR
        (L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32
        OR L33) OR L15
L35      29 SEA ABB=ON  PLU=ON  L34 AND ADVANTAG#####
L36      102 SEA ABB=ON  PLU=ON  L34 AND (ENHANC##### OR IMPROV##### OR
        NOVEL OR PROBLEM)
L37      113 SEA ABB=ON  PLU=ON  L34 AND (DIELEC##### OR INSULAT#####)
        /TI,ST,IT
L38      92 SEA ABB=ON  PLU=ON  L36 AND L37
L39      10 SEA ABB=ON  PLU=ON  L35 AND L38
        D ALL HITSTR TOT
L40      171 SEA ABB=ON  PLU=ON  ((L12 OR L13)) AND EVAP#####/TI,IT,ST
L41      40 SEA ABB=ON  PLU=ON  L2 AND L40
L42      2 SEA ABB=ON  PLU=ON  L20 AND L41
L43      2 SEA ABB=ON  PLU=ON  L42 NOT L39
        D ALL HITSTR TOT
L44      595 SEA ABB=ON  PLU=ON  (L14 OR L15 OR L16 OR L17 OR L18 OR L19)
        OR (L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11) OR (L23 OR
        L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR
        L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR L41 OR
        L42 OR L43)
L45      1 SEA ABB=ON  PLU=ON  L44 AND ADVANTAG#####/TI,ST,IT
        D ALL TOT
L46      198 SEA ABB=ON  PLU=ON  L44 AND EVAP#####
L47      46 SEA ABB=ON  PLU=ON  L46 AND (DIELEC##### OR INSULAT#####)/
        TI,ST,IT
L48      43 SEA ABB=ON  PLU=ON  L47 NOT (L45 OR L43 OR L39)
L49      35 SEA ABB=ON  PLU=ON  L48 NOT P/DT
L50      11 SEA ABB=ON  PLU=ON  L48 AND (IMPROV##### OR ENHANC#####
        OR NOVEL OR ADVANTAG#####)
        D ALL HITSTR TOT
        E ELECTRON BEAM EVAPORATION/TI
        E ELECTRON BEAM EVAPORATION/CT
        E E3+ALL/CT
L51      6268 SEA ABB=ON  PLU=ON  "ELECTRON BEAM EVAPORATION"/CT OR (EVAPORAT
        ION(L)ELECTRON AND EVAPORATION(L)BEAM) OR ("ELECTRON BEAMS"/CT
        AND EVAPORATION/CT)

FILE 'HCAPLUS' ENTERED AT 14:47:06 ON 13 JUL 2004
L52      248 SEA ABB=ON  PLU=ON  (L1 OR LANTHANIDE OXIDE OR LANTHANUM OXIDE
        OR LANTHANIDES(L)OXIDE OR OXIDES(L)LANTHANIDE) AND L51
L53      159 SEA ABB=ON  PLU=ON  L20(L) (CVD OR CHEM OR LPCVD OR PECVD)
L54      0 SEA ABB=ON  PLU=ON  L52 AND L53
L55      14 SEA ABB=ON  PLU=ON  L52 AND L20
L56      24 SEA ABB=ON  PLU=ON  L50 OR (L45 OR L43 OR L39)
L57      10 SEA ABB=ON  PLU=ON  L55 NOT L56
        D ALL HITSTR TOT

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TI Development of tungsten armor and bonding to copper for plasma-interactive components.
 AU Smid, I. (Austrian Res. Centre, Seibersdorf, Austria); Akiba, M.; Vieider, G.; Plochl, L.
 SO Journal of Nuclear Materials (Oct. 1998) vol.258-263, pt.A, p.160-72. 100 refs.
 Published by: Elsevier
 Price: CCCC 0022-3115/98/\$19.00
 CODEN: JNUMAM ISSN: 0022-3115
 SICI: 0022-3115(199810)258/263:AL.160:DTAB;1-Y
 Conference: 8th International Conference on Fusion Reactor Materials (CFRM-8). Sendai, Japan, 26-31 Oct 1997
 DT Conference Article; Journal
 TC Experimental; Bibliography
 CY Netherlands
 LA English

L7 ANSWER 4 OF 7 INSPEC (C) 2004 FIZ KARLSRUHE on STN

Full Text	References
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AN 1996:5223488 INSPEC DN A9609-8245-021
 TI Electrochemical and surface properties of iron-containing AB5-type alloys.
 AU Meli, F.; Züttel, A.; Schlapbach, L. (Inst. de Phys., Fribourg Univ., Switzerland)
 SO Journal of Alloys and Compounds (15 Dec. 1995) vol.231, no.1-2, p.639-44. 15 refs.
 Published by: Elsevier
 Price: CCCC 0925-8388/95/\$09.50
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 SICI: 0925-8388(19951215)231:1/2L.639:ESPI;1-C
 Conference: International Symposium on Metal-Hydrogen Systems - Fundamentals and Applications. Yamanashi-ken, Japan, 6-11 Nov 1994
 DT Conference Article; Journal
 TC Experimental
 CY Switzerland
 LA English

L7 ANSWER 5 OF 7 INSPEC (C) 2004 IEE on STN

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AN 1992:4227225 INSPEC DN A9219-3480G-003
 TI Inelastic scattering of slow electrons by lanthanum oxide.
 AU Smirnov, Yu.M. (Moscow Energy Inst., Russia)
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 CODEN: JASYAP ISSN: 0021-9037
 Translation of: Zhurnal Prikladnoi Spektroskopii (Dec. 1991) vol.55, no.6, p.988-93. 12 refs.
 CODEN: ZPSBAX ISSN: 0514-7506
 DT Journal; Translation Abstracted
 TC Experimental
 CY United States
 LA English

L7 ANSWER 6 OF 7 INSPEC (C) 2004 IEE on STN

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AN 1991:3959660 INSPEC DN A91116797
 TI Electron emission characteristics of sputtered lanthanum hexaboride.
 AU Mroczkowski, S.J. (Midwest Res. Technol. Inc., Milwaukee, WI, USA)
 SO Journal of Vacuum Science & Technology A (Vacuum, Surfaces, and Films) (May-June 1991) vol.9, no.3, pt.1, p.586-90. 14 refs.
 Price: CCCC 0734-2101/91/030586-05\$01.00
 CODEN: JVTAD6 ISSN: 0734-2101
 Conference: 37th National Symposium of the American Vacuum Society. Toronto, Ont., Canada, 8-12 Oct 1990
 DT Conference Article; Journal